

CLAIMS:

- 5           1.    A component mounting apparatus comprising:
- a pair of component supply tables on which components
- are accommodated and which are arranged on opposing sides of a
- board mounting position where a board is positioned;
- a first mounting head section for successively picking
- 10           up the components at one of the component supply tables and
- thereafter successively mounting the picked-up components onto
- the board; and
- a second mounting head section for successively picking
- up the components at the other of the component supply tables and
- 15           thereafter successively mounting the picked-up components onto
- the board,
- wherein each of the first and second mounting head
- sections are independently moveable.
- 20           2.    The component mounting apparatus as claimed in claim 1,
- further comprising a controller for mutually controlling the
- first and second mounting head sections in accordance with a
- timing at which, when one of the first and second mounting head
- sections carries out a component picking-up operation for picking
- 25           up the components from the component supply table, the other of
- the first and second mounting head sections carries out a

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component mounting operation for mounting the picked-up components onto the board.

3. The component mounting apparatus as claimed in claim 1, wherein one of the first and second mounting head sections has a plurality of component suction nozzles sucking the components at one time.

4. The component mounting apparatus as claimed in claim 2, wherein one of the first and second mounting head sections has a plurality of component suction nozzles sucking the components at one time.

5. The component mounting apparatus as claimed in claim 1, wherein said each of said first and second mounting head sections is moveable in two directions which are perpendicular to each other.

6. A component mounting method comprising steps of:  
picking up, by a first mounting head section,  
components from one of a pair of component supply tables on which components are accommodated and which are arranged on both sides of a board mounting position where a board is positioned, the

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first mounting head section successively picking up the components at one of the component supply tables;

5           thereafter successively mounting the components picked up by the first mounting head section onto the board;

picking up, by a second mounting head section, components from the other of the pair of component supply tables, the second mounting head section successively picking up the components at the other of the component supply tables; and

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thereafter successively mounting the components picked up by the second mounting head section onto the board,

wherein the picking-up and mounting steps of the first mounting head section and the picking-up and mounting steps of the second mounting head section are independently carried out, and the first mounting head section and the second mounting head section are each independently moveable.

20           7. The component mounting method as claimed in claim 6, wherein the picking-up step of the first mounting head section and the mounting step of the second mounting head section are simultaneously carried out, and the mounting step of the first mounting head section and the picking-up step of the second mounting head section are simultaneously carried out.

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